



Raw PreCam Astrometry for Night of 2011-01-13 UT

Douglas L. Tucker

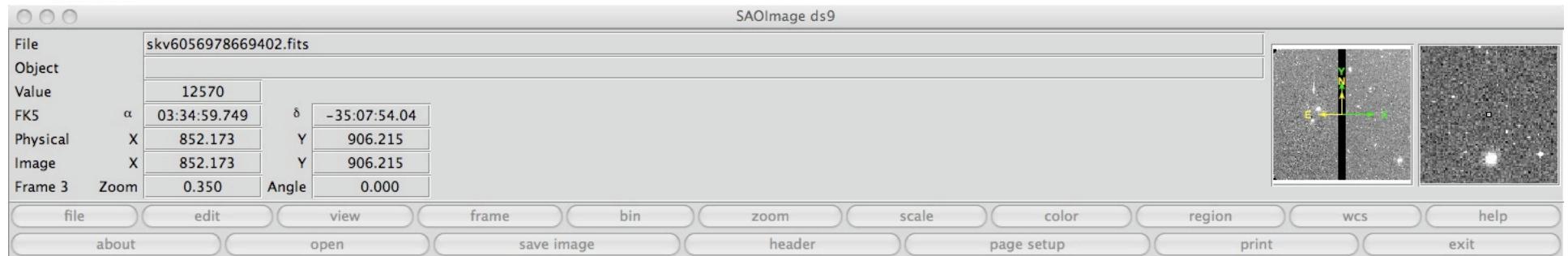
PreCam Data Mini-Workshop
Fermilab

8 February 2011

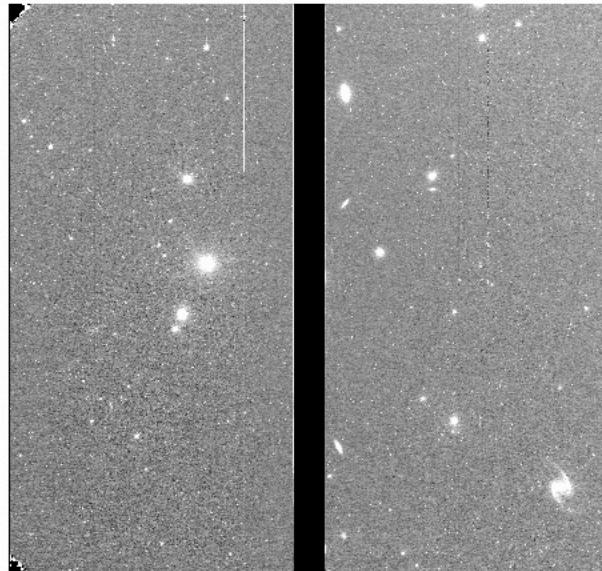


PreCam and Digitized Sky Survey 2 (DSS2)

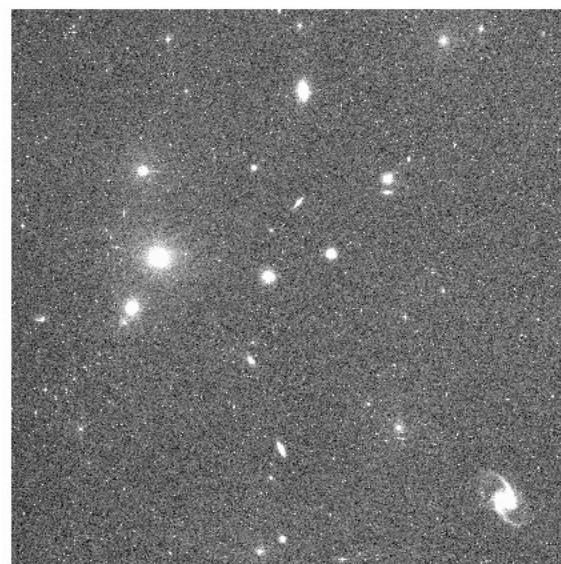
DARK ENERGY
SURVEY



PreCam



DSS2



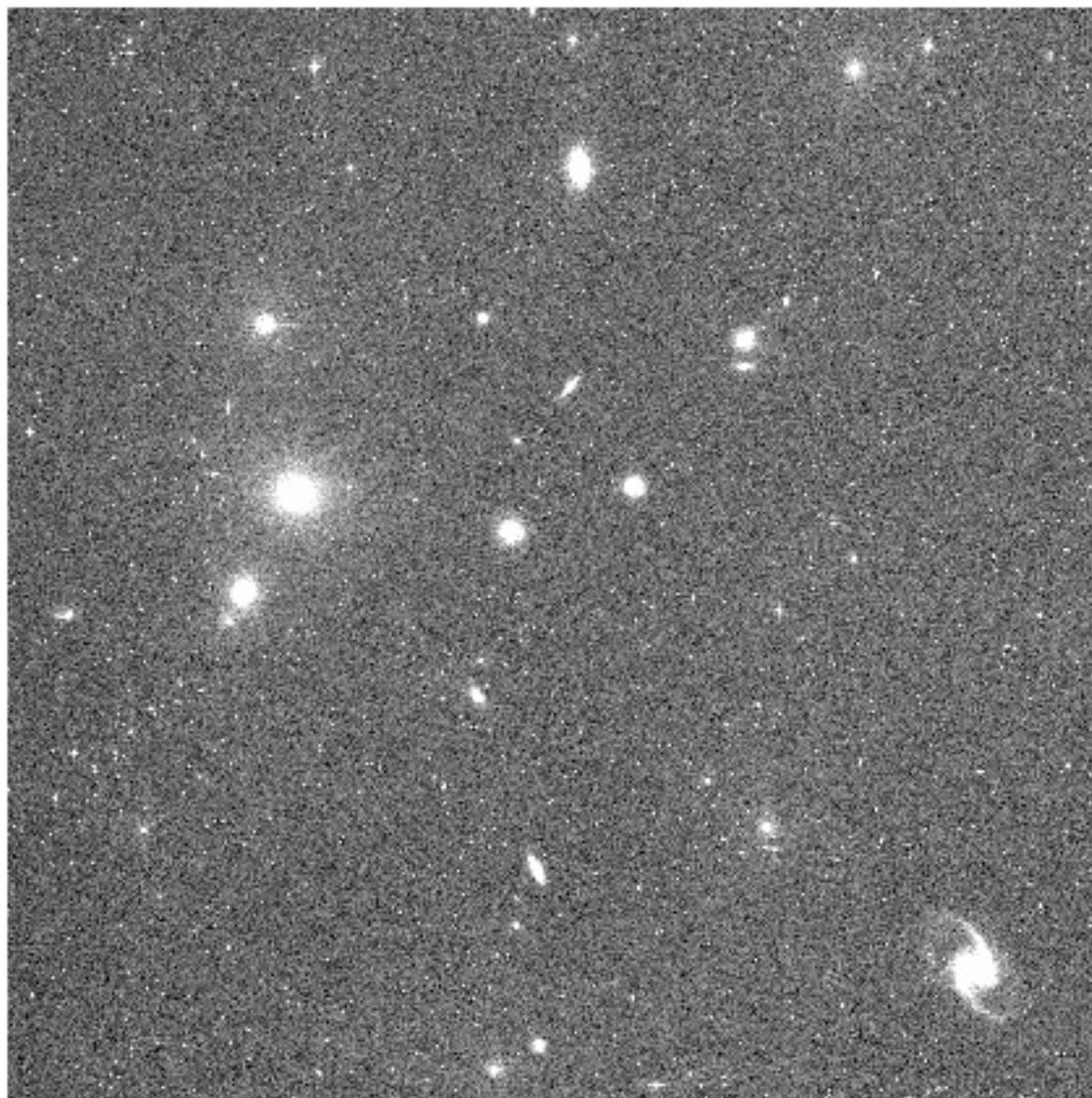
(SSRS#52: Maia, da Costa, Latham 1989)



DARK ENERGY
SURVEY

DSS2

PreCam and Digitized Sky Survey 2 (DSS2): raw, uncorrected* astrometry



*Using
TELRA, TELDEC
from raw image
as center of
image, and
assuming a pixel
scale of 1.43",
and no rotation
of image frame
relative to RA/
DEC axes.



PreCam and Digitized Sky Survey 2 (DSS2): raw, uncorrected* astrometry

DARK ENERGY
SURVEY

DSS2

PreCam



Slight offset
in RA, DEC
(expected)

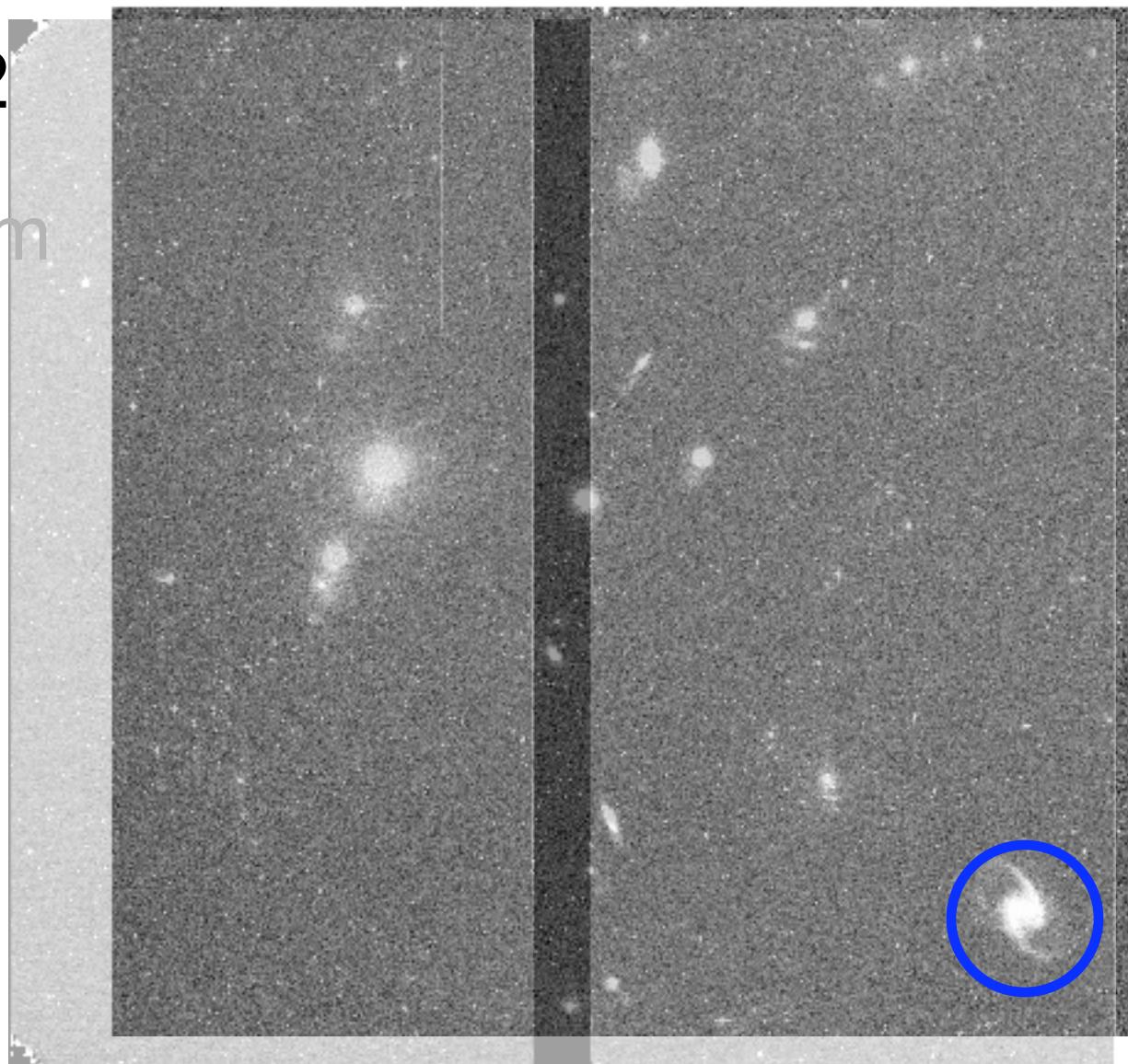


PreCam and Digitized Sky Survey 2 (DSS2): raw, uncorrected* astrometry

DARK ENERGY
SURVEY

DSS2

PreCam



Slight rotation
in RA, DEC
(not unexpected)

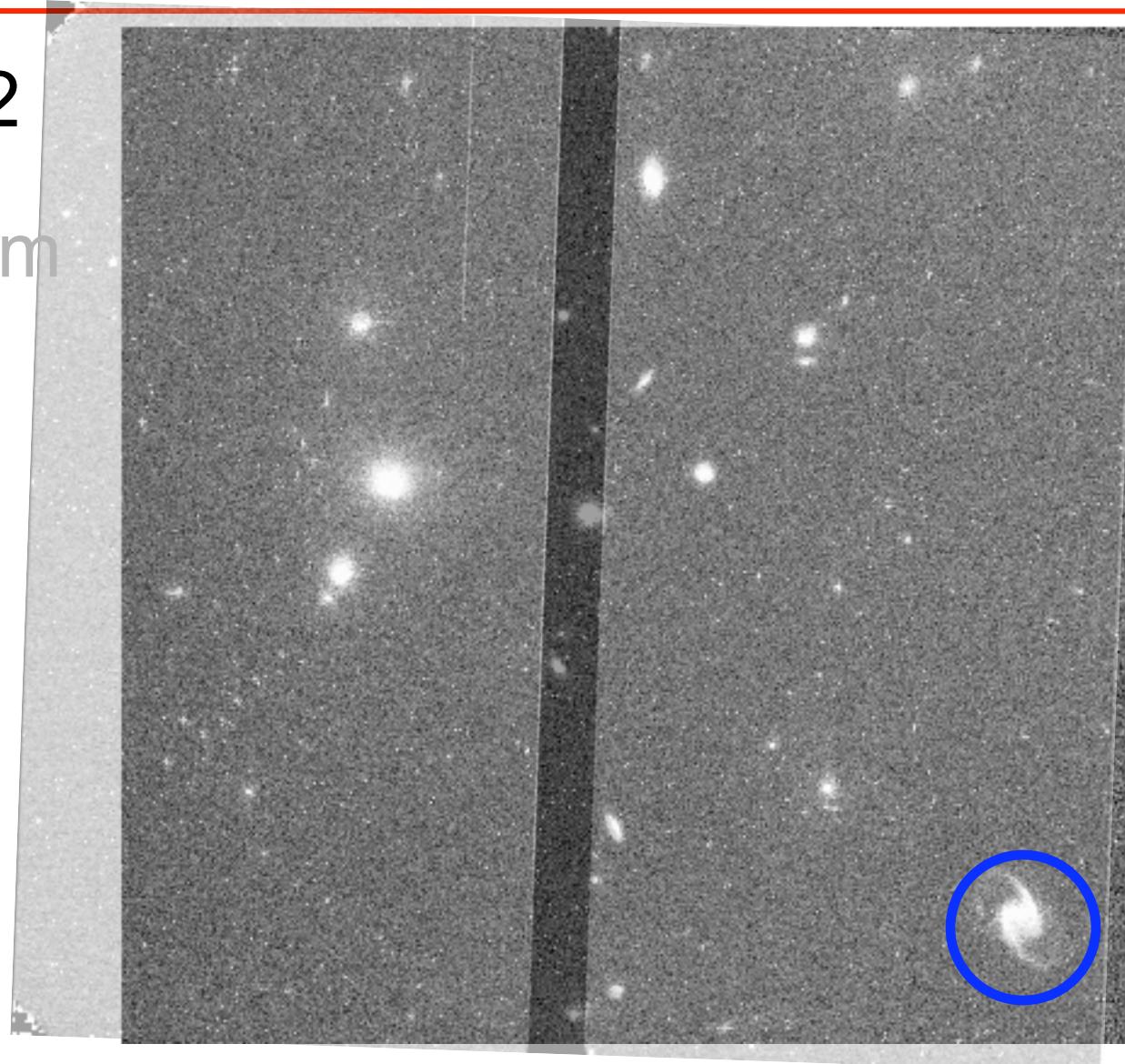


PreCam and Digitized Sky Survey 2 (DSS2): raw, uncorrected* astrometry

DARK ENERGY
SURVEY

DSS2

PreCam



PreCam image
rotated by 2°
clockwise